

INFORMATION REPORT

CD NO.

COUNTRY Yugoslavia

DATE DISTR. 4 APR 50

SUBJECT Manufacture of V-1 Rockets

NO. OF PAGES 1

PLACE 25X1A

NO. OF ENCLS.
(LISTED BELOW)

ACQUIRED

DATE OF INFO.

25X1X

SUPPLEMENT TO
REPORT NO.

1. Yugoslav rockets of the V-1 type are constructed in one of the sections of the Aleksandar Rankovic torpedo factory in Rijeka.
2. The following are the fuel specifications for these rockets:

a. For solid fuels:

Type	Calories per Kilogram	Theoretical Velocity	Practical (actual) Velocity
Black powder	660	2,300 meters per second	1,500 meters per second
Cotton drenched with fulminate (sic: possibly nitrocellulose)	950	2,800 meters per second	2,000 meters per second
Nitroglycerine powder (sic)	1,250	3,200 meters per second	2,200 meters per second

b. For liquid fuels:

Azote (sic) tetra- oxyde ($N_2 O_4$)	1,660	3,750 meters per second	2,600 meters per second
Tetranitromethane ($C/NO_2/4$) with gasoline	1,600	3,700 meters per second	2,600 meters per second
Liquid oxygen and gasoline	2,300	4,400 meters per second	2,800 meters per second
Liquid oxygen and methane	2,450	4,450 meters per second	3,000 meters per second
Hydrogen and azote (sic)	3,900	5,700 meters per second	3,500 meters per second

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